



**US Army Corps
of Engineers®**

Nashville District

Public Notice

Public Notice No. 01-62

Date: 09 August 2001

Application No. 2001 01391

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214-2660

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
TENNESSEE VALLEY AUTHORITY
AND
STATE OF TENNESSEE

SUBJECT: Proposed Installation of a Raw Water Intake Structure in Bull Run Embayment of Melton Hill Lake, Anderson County, Tennessee

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (33 U.S.C. 1344)**. Before a permit can be issued, certification must be provided by the State of Tennessee, Division of Water Pollution Control, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the applicant hereby applies for the required certification.

APPLICANT: Hallsdale-Powell Utility District
3745 Cunningham Road
Knoxville, TN 37918

AGENT: Robert G. Campbell & Associates, L.P.
7523 Taggart Lane
Knoxville, TN 37938

LOCATION: Off New Henderson Road at Bull Run Embayment, Mile 2.0L (Clinch River, Mile 46.3L), Melton Hill Lake; Anderson County, Tennessee; Clinton, TN Quadrangle, Latitude 36°-00'-39.5", Longitude 84°-08'-04.1".

DESCRIPTION: The applicant proposes to install a new raw water intake structure in Bull Run embayment of Melton Hill Lake. The intake would include two 30" diameter pipes that would extend approximately 200' into the waterway and include 4' by 6.5' intake screens. Warning signs, buoy, horn, and illumination spotlight would be installed as safety features. The pipes

would be trenched below the lake bottom for the initial 110' and daylight near elevation 785'. A temporary cofferdam would be constructed to facilitate the installation of this segment. The remaining 90' of the pipes would be anchored along the lake channel bottom with concrete anchors placed at 20' interval.

The intake would initially withdraw approximately 8 million gallons a day (mgd) with a capacity of 14 mgd. The structure would be upgradeable to 22 mgd as future demand dictates. The applicants existing intake at Bull Run Creek, Mile 3.9 would be removed from active service. The existing intake structure would remain in place as a backup but would only be operated once every two months to exercise the pumps.

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the work, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. An EA will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is

received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

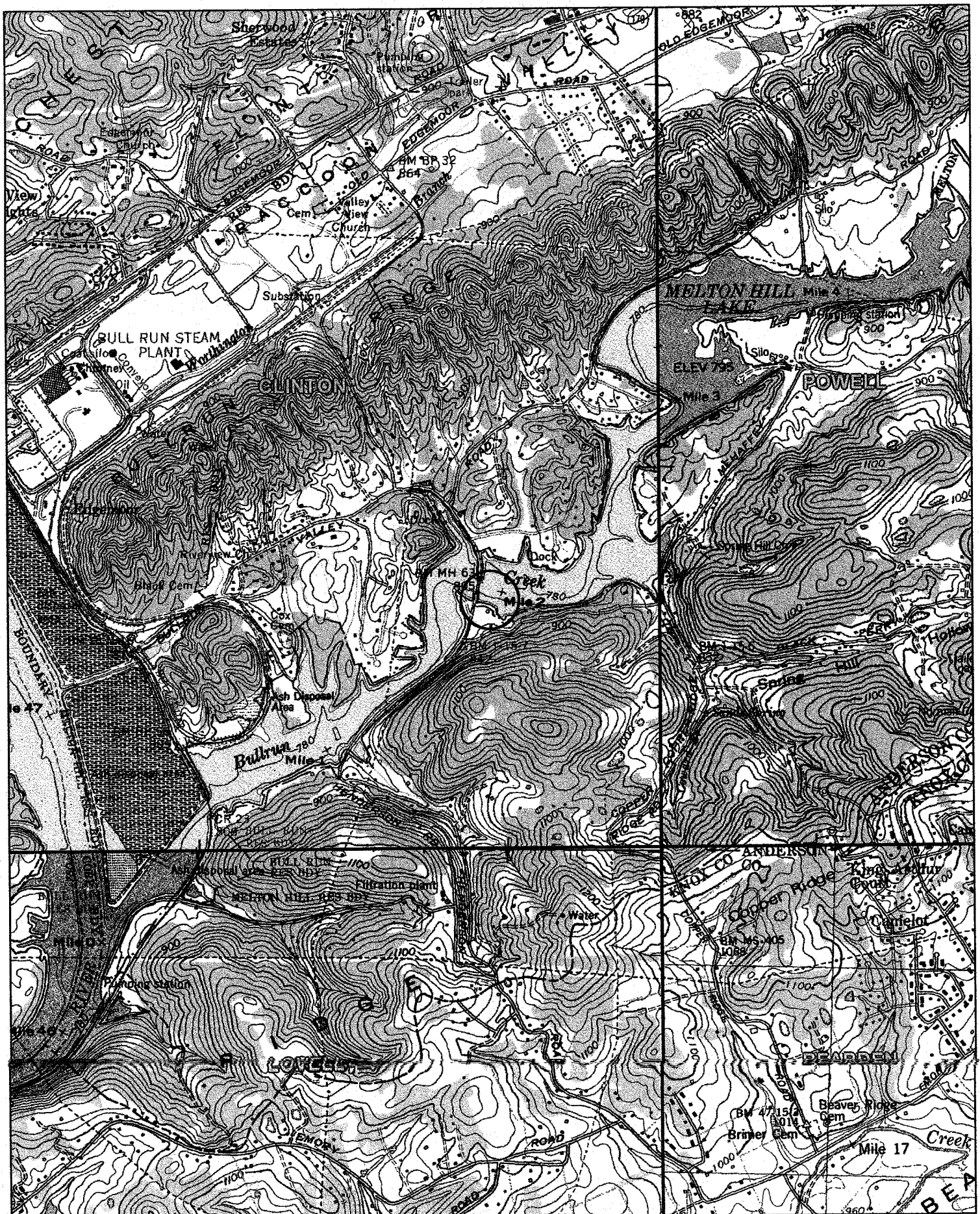
Based on available information, the proposed work will not destroy or endanger any federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals required for the proposed work are as follows:

- a. Tennessee Valley Authority (TVA) approval under Section 26a of the TVA Act.
- b. Water quality certification from the State of Tennessee, in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before September 8, 2001, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Marty G. Tyree, at the above address, telephone (615) 369-7514. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to TVA, Attention: Scott Ledford, 2009 Grubb Road, Lenoir City, TN 37771-6440.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 1950 ft Scale: 1 : 24,000 Detail: 13-0 Datum: WGS84

PN 01-62, HALLSDALE-POWELL UTILITY DISTRICT
FILE # 2001 01391 CLINTON, TN QUAD

NEW HENDERSON ROAD (TVA PROJ #2216)

MELTON HILL LAKE
(BULL RUN EMBAYMENT)

CONSTRUCT
SLOPE ESM

PUMP
STATION

NOTE 1

PROPOSED INTAKE LINE

PROPOSED INTAKE LINE

INTAKE
SCREEN

BULL RUN CREEK
(MELTON HILL LAKE)

PARCEL MHR-904

APPROX
STREAM
MILE 2

DUNCAN PROPERTY LINE

840

830

820

810

800

790

780

770

760

750

740

BENCH MARK - ELEV 804.703
STD TVA CAP BM-MH-63
SET IN TOP OF CURB GUARD

BEARINGS BASED ON LAMBERT
GRID BASED ON WPA MARK
1-15-77 NEAR INTERSECTION OF
COPPER RIDGE AND HENDERSON
ROAD

7N 01-62

DA FILE #

2001 01391

INTAKE
SCREEN

BRIDGE DECK ELEVATION

500 YR FLOOD - 797.8 MSL

NORMAL POOL - 795

LOW POOL - 790

TOP OF PIPE
MAX - 785

36" INTAKE LINE

+/- 280 ft

LOT 1
SPRING HILL
LAKESIDE S/D

NOTE 1: PROPERTY ACQUIRED FROM THOMAS
AND ASPACIA DUNCAN IN COURT BOOK 1167
PAGE 158. ORDER NO. IS A0LA0264

2+00

3+00

4+00

PERMIT DRAWING	
HALLSDALE POWELL RAW WATER INTAKE	
ANDERSON CO., TN.	DRAWN BY RGC, II
SCALE H: 1"=40' V: 1"=4'	SURVEYED BY ROBERT G. CAMPBELL & ASSOC. L.P.
DATE 2-15-00	PROJECT NUMBER 99920

